ABSTRACT OF THE DISCLOSURE

Disclosed is a data recording method for an optical disc driver comprising the steps of receiving a data recording command, encoding data to be recorded in a corresponding user region block, storing the encoded data in the unit of an error correction code (ECC) block in a buffer, and recording the data of the ECC blocks if the number of the ECC blocks stored in the buffer is larger than the predetermined number of the ECC blocks. In encoding the data to be recorded, if the data to be recorded is the data in the unit of a sector, the data of the ECC block of the user region corresponding to the sector is reproduced, the data to be newly recorded is inserted into the data of the reproduced ECC block, and the processed ECC block is encoded. If the data to be recorded is the data in the unit of an ECC block, the ECC block data of the user region is not reproduced, but the ECC block to be recorded is encoded.